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Product Datasheet

Rat IκBκ(Inhibitor Of Kappa-Light Polypeptide Gene Enhancer In B-Cells Kinase Beta) ELISA Kit EBT-ELK10064

Article Name	Rat IκBκ(Inhibitor Of Kappa-Light Polypeptide Gene Enhancer In B-Cells Kinase Beta) ELISA Kit
Biozol Catalog Number	EBT-ELK10064
Supplier Catalog Number	ELK10064
Alternative Catalog Number	EBT-ELK10064-96, EBT-ELK10064-48, EBT-ELK10064-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.115 ng/mL
UniProt	Q9QY78
Samples	Serum, plasma, tissue homogenates, cell lysates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase,. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat I κ BKb. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat I κ BKb. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Rat I κ BKb, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm 10nm. The concentration of Rat I κ BKb in the samples is then determined by comparing the OD of the samples to the standard curve